

# How to configure Email Alerts using ExtremeZ-IP Performance Counters

This article describes how to set up an email alert triggered by a performance counter using the "Print Queue is online < 1" example. This is a two part process:

- ➔ Configure a VBScript and .bat file to send an email (example files provided).
- ➔ Configure a Perfmon Alert.

## Part 1 Configure a VB Script and .bat file to send an email.

1. Download Alerts.zip and expand to C:\Alerts.
2. Set permissions on C:\Alerts (under the security tab) to allow Local and Domain Administrators full control. Apply permissions to this folder subfolder and files.
3. Right click on PrintQueueOffline.vbs and select "Edit". Update the 2 values shown in red with your information.

```
emailFrom = "user@example.com"  
emailServer= "smtp.example.com"
```

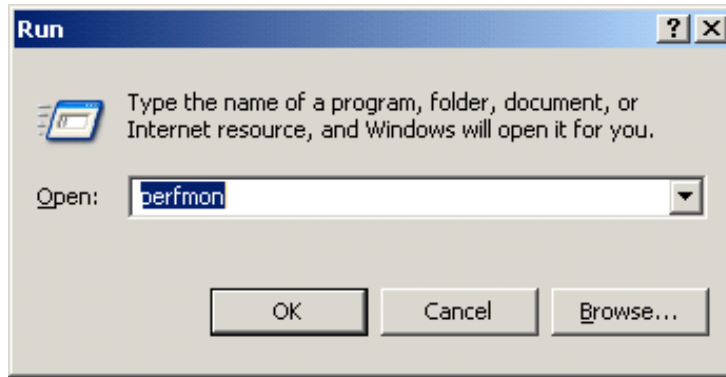
**Note:** If you want to use this script to create other alerts such as "Volumes offline" you can also edit the red values below:

```
objEmail.Subject = "ExtremeZ-IP Print Queue: " & queueName & " is  
offline"  
objEmail.Textbody = "ExtremeZ-IP Print Queue: " & queueName & " is  
offline"
```

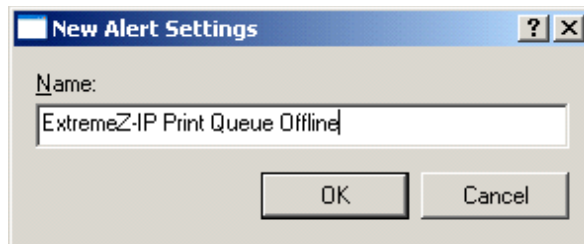
4. Save the edited version as PrintQueueOffline.vbs to C:\Alerts.

## Part 2 Configure a Perfmon Alert to trigger the .bat file.

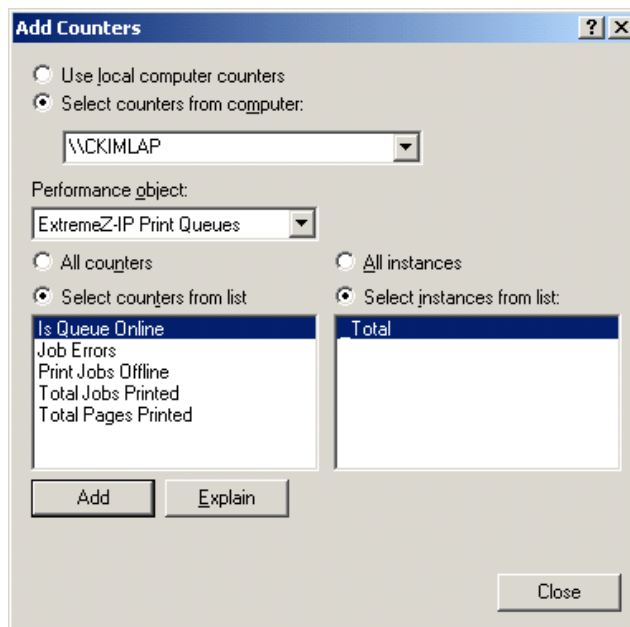
1. Open Perfmon: Start > Run > perfmon > click OK.



2. Expand "Performance logs and Alerts", right click on "Alerts" and select "New Alerts Setting". Provide a descriptive name such as "ExtremeZ-IP Print Queue Offline".



3. Add a comment to the Comments field (required), click the "Add" button and select, "ExtremeZ-IP Print Queues" from the "Performance object:" pull down menu.
4. Select, "Is Queue Online" from the list of counters.
5. Select one or more queues from the list of instances.
6. Click the Add button (there is no visual feedback) and then click the Close button.



**Note:** It is possible to select and monitor one or more print queues within the same alert. You can also select and monitor more than one type of counter within the same alert.

7. Change the following values for the counter you added:

"Alert when value is:" = Under

"Limit" = 1

"Sample Data every:"

Interval = 5

Units = minutes

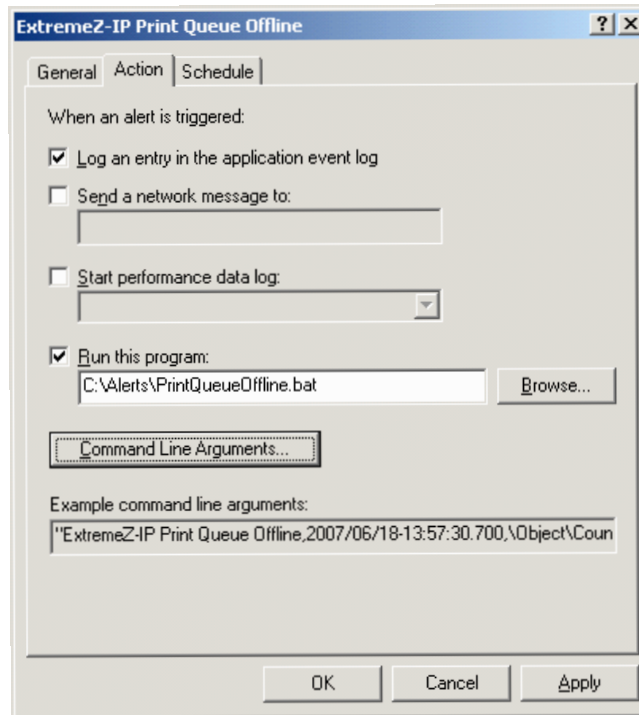
"Run As" = use a local or domain admin account

The screenshot shows the 'ExtremeZ-IP Print Queue Offline Properties' dialog box with the 'General' tab selected. The 'Comment' field contains 'ExtremeZ-IP Print Queues'. The 'Counters' list contains one entry: '\\CKIMLAP\ExtremeZ-IP Print Queues( Total)\s Queue Online'. The 'Alert when the value is:' dropdown is set to 'Under' and the 'Limit' field is '1'. The 'Sample data every:' section has an 'Interval' of '5' and 'Units' set to 'minutes'. The 'Run As:' field is 'domain\administrator' with a 'Set Password...' button next to it. At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

**Note:** Correct permission are very important. Make sure that the user listed in the "Run As" field has Full Control permissions on the files and folder where the scripts are located.

Select the Action tab and configure the following:

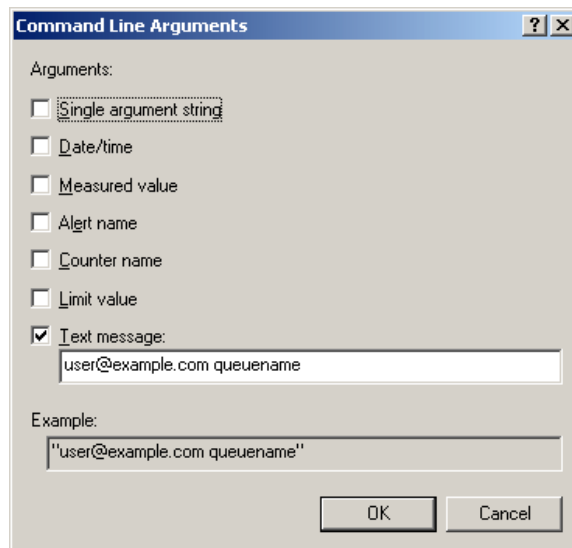
Check "Run this Program:" type C:\Alerts\PrintQueueOffline.bat



8. Click the Command Line Arguments button.

Uncheck all arguments except "Text message:"

9. Under "Text message:" type an email address, a single space and the queue name. There can not be any spaces in the queuname or the script will not function.



10. Click Apply and OK to close Alerts window  
Perfmon is now configured to send an email alert when a Print Queue is reported offline.